

ATTORNEY'S DOCKET NO.  
074036.0125

PATENT APPLICATION

1

APPLICATION FOR U.S. PATENT UNDER 37 C.F.R. § 1.53(b)

**UTILITY PATENT APPLICATION TRANSMITTAL FORM**

Mail Stop Patent Application  
COMMISSIONER FOR PATENTS  
P.O Box 1450  
Alexandria, VA 22313-1450

Express Mail Certificate  
No. EV 323508134 US

Sir:

Transmitted herewith for filing is the utility patent application of:

**Inventor(s) or Application Identifier:**

**Mohammed N. Islam**

**Entitled: Optical Logic Gate Based Optical Router**

**APPLICATION ELEMENTS:**

1. ☒ This Fee Transmittal Form
2. Applicant is:  
☐ Large Entity  
☒ Small Entity  
☒ Small Entity Statement enclosed  
☐ Small Entity Statement filed in prior application.  
Status still proper and desired.
3. ☒ Specification (116 Total Pages)
4. ☒ Drawings (18 Total Sheets)  
☒ Formal  
☐ Informal
5. ☒ Combined Declaration and Power of Attorney  
(2 Total Pages)  
☒ Newly executed (original or copy)  
☐ Copy from a prior application  
(for continuation/divisional only)

6. The accompanying application is:

- ☐ Original  
☐ Continuation  
☐ Divisional  
☒ **Continuation-In-Part (CIP)**  
**Prior Application No.: 10/644,721**  
**Filed: August 22, 2002**  
**Examiner: Jerry T. Rahl**  
**Group/Art Unit: 2874**

This application claims is a continuation-in-part of U.S. Application Serial No. 10/644,721 filed August 20, 2003, currently pending; which is a continuation of U.S. Application Serial No. 10/227,055 filed August 22, 2002, now U.S. Patent No. 6,654,157; which is a divisional application of U.S. Application Serial No. 09/631,276 filed April 22, 2002, now U.S. Patent No. 6,611,366B2; which is a continuation of U.S. Application Serial No. 09/631,276 filed August 1, 2000, now U.S. Patent No. 6,407,851B1.

7. ☐ Priority of foreign Application No. \_\_\_\_\_, filed on \_\_\_\_\_ is claimed under 35 U.S.C. § 119.

☐ A certified copy is attached.

☐ A certified copy was filed in prior Application Serial No. \_\_\_\_\_, filed \_\_\_\_\_.

**FEE CALCULATION:**

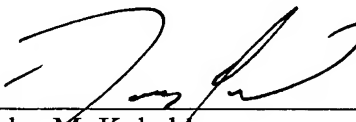
*CLAIMS AS FILED IN THE APPLICATION, LESS ANY CLAIMS CANCELLED  
BY PRELIMINARY AMENDMENT OR ADDED BY PRELIMINARY AMENDMENT*

FEE CALCULATION					FEE
	Number		Number Extra	Rate	Basic Fee
					\$ 385.00
Total Claims:	73	-20 =	53	X \$ 9 =	\$ 477.00
Independent Claims	6	- 3 =	3	X \$43 =	\$ 129.00
Total of Above					\$ 991.00
Less 50% for Small Entity					\$ 991.00
TOTAL FILING FEE =					<b>\$991.00</b>

***ACCOMPANYING APPLICATION PARTS:***

8. ☒ An Assignment of the invention to Cheetah Omni, LLC is attached. A separate cover sheet in compliance with 37 C.F.R. § 3.28 and § 3.31 is included with an Assignment recordal fee of \$40.00 pursuant to 37 C.F.R. § 1.21(h).
9. ☐ Information Disclosure Statement (IDS) PTO-1449  
☐ Copies of IDS Citations  
☐ Pursuant to 37 C.F.R. § 1.98(d), copies of these references are not being furnished.
10. ☐ Preliminary Amendment
11. ☒ Certificate of Mailing
12. ☒ Return Receipt Postcard
13. ☒ Nonpublication Request
14. ☒ A check in the amount of \$991.00 to satisfy filing fee requirements under 37 C.F.R. § 1.16. Please charge any additional fees or credit any overpayment to Deposit Account No. 02-0384 of BAKER BOTTS L.L.P.

Respectfully submitted,  
BAKER BOTTS L.L.P.  
Attorneys for Applicant

  
\_\_\_\_\_  
Douglas M. Kubehl  
Reg. No. 41,915

Date: November 25, 2003

Correspondence Address:

Customer Number: **05073**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Mohammed N. Islam  
Filing Date: November 25, 2003  
For: OPTICAL LOGIC GATE BASED OPTICAL ROUTER

Mail Stop PATENT APPLICATION

Commissioner for Patents

P.O. Box 1450

Alexandria, Virginia 22313-1450

Dear Sir:

CERTIFICATE OF MAILING BY EXPRESS MAIL

I hereby certify that the attached Patent Application (118 pages), Fee Transmittal (3 pages), Declaration and Power of Attorney (2 pages), Verified Statement Claiming Small Entity Status (1 page), Assignment Recordation Form (1 page) and Assignment (1 page), Drawings (18 pages), Nonpublication Request (1 page), checks in the amounts of \$991.00 and \$40.00, a Baker Botts return acknowledgment postcard (1 card), and this Certificate of Mailing are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on this 25th day of November, 2003 addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313.1450.

*Willie Jiles*

Willie Jiles

Express Mail Receipt  
No. EL3234408134US  
Attorney's Docket: 074036.0125

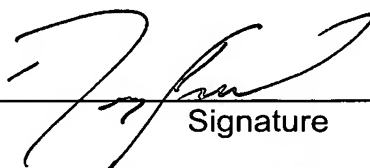
<b>NONPUBLICATION REQUEST UNDER 35 U.S.C. 122(b)(2)(B)(i)</b>	First Named Inventor	Mohammed N. Islam
	Title	Optical Logic Gate Based Optical Router
	Atty Docket Number	074036.0125

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.

I hereby request that the attached application not be published under 35 U.S.C. 122(b).

November 25, 2003

Date



Signature

Douglas M. Kubehl

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant must notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

Burden Hour Statement: This collection of information is required by 37 CFR 1.213(a). The information is used by the public to request that an application not be published under 35 U.S.C. 122(b) (and the PTO to process that request). Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is estimated to take 6 minutes to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450.